

Chemical	Concentration	Temperature	Time	Yield	Characterization
1,2-dichloroethane	0.1 M	25 °C	24 h	95%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	90%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	85%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	80%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	75%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	70%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	65%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	60%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	55%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	50%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	45%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	40%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	35%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	30%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	25%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	20%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	15%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	10%	FTIR, ¹ H NMR
1,1,1,2-tetrachloroethane	0.1 M	25 °C	24 h	5%	FTIR, ¹ H NMR
1,1,2,2-tetrachloroethane	0.1 M	25 °C	24 h	0%	FTIR, ¹ H NMR